

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

9. (Currently Amended) An electrical stimulation method for restoring vision of a patient's eye, comprising the steps of:

placing a receiver at a position under a skin of a temporal region of a patient's head away from the patient's eye, the receiver being adapted to receive data for electrical stimulation pulse signals based on photograph data taken by a photographing unit outside the patient's eye;

placing a converter at a position under the skin of the temporal region of the patient's head away from the patient's eye, the converter being adapted to be connected to the receiver and to convert the received data for electrical stimulation pulse signals to electrical stimulation pulse signals;

placing an electrode array in a sclerotic flap formed by partially incising a sclera of the patient's eye, the electrode array including a plurality of stimulation electrodes being adapted to ~~be connected to the converter through a cable and to~~ give the converted electrical stimulation pulse signals to cells constituting a retina of the patient's ~~eye,~~eye and an electrical circuit connected to the stimulation electrodes to have each electrode output the electrical stimulation pulse signal, the electrode array being provided separately from the converter and connected to the converter through a cable, and closing the sclerotic flap to place the stimulation electrodes between a choroid and the sclera;

placing a ~~single~~lean indifferent electrode in the patient's eye by piercing the eye from outside, the indifferent electrode comprising a wire that is extended from the converter and covered by an insulating material excepting a distal end and having an opposite polarity to that of the stimulation electrodes; and

outputting the converted electrical stimulation pulse signals having current intensity enough to pass through the choroid and the ~~selera~~retina from the stimulation electrodes toward the indifferent electrode ~~through an electrical circuit~~ to electrically stimulate the cells constituting the retina from a choroid side.

10-12. (Canceled)

13. (Currently Amended) An electrical stimulation method for restoring vision of a patient's eye, comprising the steps of:

placing a receiver at a position under a skin of a temporal region of a patient's head away from the patient's eye, the receiver being adapted to receive data for electrical stimulation pulse signals based on photograph data taken by a photographing unit outside the patient's eye;

placing a converter at a position under the skin of the temporal region of the patient's head away from the patient's eye, the converter being adapted to be connected to the receiver and to convert the received data for electrical stimulation pulse signals to electrical stimulation pulse signals;

placing an electrode array in a sclerotic flap formed by partially incising a sclera of the patient's eye, the electrode array including a plurality of stimulation electrodes being adapted ~~to be connected to the converter through a cable and~~ to give the converted electrical stimulation pulse signals to cells constituting a retina of the patient's ~~eye~~eye and an electric circuit connected to the stimulation electrodes to have each electrode output the electrical stimulation pulse signal, the electrode array being provided separately from the converter and connected to the converter through a cable, and closing the sclerotic flap to place the stimulation electrodes ~~between a choroid and the sclera of~~ in the sclerotic flap;

placing an indifferent electrode in the patient's eye by piercing the eye from outside, the indifferent electrode comprising a wire that is extended from the converter and

covered by an insulating material excepting a distal end and having an opposite polarity to that of the stimulation electrodes; and

outputting the converted electrical stimulation pulse signals having current intensity enough to pass through the choroid and the ~~selera~~retina from the stimulation electrodes toward the indifferent electrode ~~through an electrical circuit~~ to electrically stimulate the cells constituting the retina from a choroid side.